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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/914,765
Filing Date	September 5, 2001
First Named Inventor	Preben CHRISTENSEN et al.
Art Unit	1651
Examiner Name	SAUCIER, Sandra A.
Sheet 1 **of** 3	**Attorney Docket Number** 60123.000002

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION YES	TRANSLATION NO
	1.	Donoghue AM, Garner DL, Donoghue DJ, Johnson LA, 1995: Viability Assessment of Turkey Sperm Using Fluorescent Staining and Flow Cytometry. Poultry Sci, 74:1191-1200.	☐	☐
	2.	Donoghue AM, Thistlethwaite D, Donoghue DJ, Kirby JD, 1996: A New Method for Rapid Determination of Sperm Concentration in Turkey Semen. Poultry Sci., 75:785-789.	☐	☐
	3.	Dumont P, Coupet H, Gary F, 1996: Some aspects of evaluation of semen quality and processing in France. Proc. 8th European AI-Vets meeting.	☐	☐
	4.	Evenson DP, Parks JE, Kaproth MT, Jost LK, 1993: Rapid Determination on Sperm Cell Concentration in Bovine Semen by Flow Cytometry. J Dairy Sci 76:86-94.	☐	☐
	5.	Fenton SE, Ax RL, Cowan CM, Coyle T, Gilbert GR, Lenz RW: Validation and Application of an Assay of Deocyribonucleic Acid to Estimate Concentrations of Bull Sperm. J. Dairy Sci., 73:3118-3125(1990).	☐	☐
	6.	Foote RH, 1972: How to Measure Sperm Cell Concentration by Turbidity (Optical Density). Proceedings 4th Techn. Conf. on Anim. Reprod. and AI, NAAB, pp. 2-6.	☐	☐
	7.	Garner DL, Johnson LA, Yue ST, Roth BL, Haugland RP, 1994: Dual DNA Staining Assessment of Bovine Sperm Viability Using SYBR-14 and Propidium Iodide. J Androl,15:620-629.	☐	☐
	8.	Garner DL and Johnson LA, 1995: Viability Assessment of Mammalian Sperm Using SYBR-14 and Propidium Iodide. Biol Reprod, 53:276-284.	☐	☐
	9.	Garner DL, Dobrinsky JR, Welch GR, Johnson LA, 1996a: Porcine Sperm Viability, Oocyte Fertilization and Embryo Development after Staining Spermatozoa with SYBR-14. Theriogenology, 45:1103-1113.	☐	☐
	10.	Garner DL, Johnson LA, Allen CH, Palencia DD, Chambers CS, 1996b: Comparison of Seminal Quality in Holstein Bulls as Yearlings and as Mature Sires. Theriogenology, 45:923-934.	☐	☐
	11.	Garner DL, Thomas CA, Joerg HW, DeJarnette JM, Marshall CE, 1997a: Fluorometric Assessments of Mitochondrial Function and Viability in Cryopreserved Bovine Spermatozoa. Biol Reprod, 57:1401-1406.	☐	☐

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S	12.	Garner DL, Thomas CA, Allen CH, 1997b: Effect of Semen Dilution on Bovine Sperm Viability as Determined by Dual-DNA Staining and Flow Cytometry. J Androl, 18:324-331.	☐	☐
S	13.	Garner DL, Thomas CA, Allen CH, Sasser RG, 1997c: Effect of Cryopreservation on Bovine Sperm Viability as Determined by Dual DNA Staining. Reprod Domest Anim, 32:279-283.	☐	☐
S	14.	Maxwell WM and Johnson LA, 1997: Chlortetracycline Analysis of Boar Spermatozoa After Incubation, Flow Cytometric Sorting, Cooling, or Cryoperservation. Mol Reprod Dev, 46:408-418.	☐	☐
S	15.	Maxwell WM, Welch GR, Johnson LA, 1997: Viability and Membrane Integrity of Spermatozoa after Dilution and Flow Cytometric Sorting in the Presence or Absence of Seminal Plasma. Reprod Fertil Dev, 8:1165-78.	☐	☐
S	16.	Parks JE, Ehrenwald E, Foote RH, 1985: Counting mammalian spermatozoa in biological fluids containing particulate matter. J. Dairy Sci.,68:2329.	☐	☐
S	17.	Penfold LM, Garner DL, Donoghue AM, Johnson LA, 1997: Comparative Viability of Bovine Sperm Frozen on a Cryomicroscope or in Straws. Theriogenology, 47:521-530.	☐	☐
S	18.	Songsasen N, Betteridge KJ, Leibo SP, 1997: Birth of Live Mice Resulting from Oocytes Fertilized In Vitro with Cryopreserved Spermatozoa. Biol Reprod, 56:143-152.	☐	☐
S	19.	Szollosi J, Takacs T, Balazs M, Gaspar R, Matyus L, Szabo G, Tron L, Resli I, Dajanovich S,1986: Flow-cytometric evaluation of bull semen. 1. Objective determination of sperm cell counts in diluted semen samples. Magyar Allatorvosok Lapja, 41:459-463.	☐	☒
S	20.	Takacs T, Szollosi J, Balazs M, Gaspar R, Matyus L, Sazabo G, Tron L, Resli I, Damjanovich S: Flow cytometric determination of the sperm cell number in diluted bull semen samples by DNA staining method. Acta. Bichim. Biophys. Hung., 22:45-57(1987).	☐	☐
S	21.	Takizawa S, Katoh C, Fukatsu N, Horii I, 1994: Evaluation of rat sperm viability and number by flow cytometry. Teratology, 50:40B.	☐	☐
S	22.	Takizawa S, Katoh C, Fukatsu N, Horii I, 1995: Flow Cytometric Analysis for the Evaluation of the Rat Sperm Viability and Number in the Male Reproductive Tocicity Studies. Cong. Anom, 35:177-187.	☐	☐

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	23.	Takizawa S, Katoh C, Inomata A, Horii I, 1998: Flow cytometric analysis for sperm viability and counts in rats treated with trimethylphosphate or pyridoxine. J. Toxicol. Sci. 23:15-23.	☐	☐
	24.	Thomas CA, Garner DL, DeJarnette JM, Marshall CE, 1997: Fluorometric Assessments of Acrosomal Integrity and Viability in Cryopreserved Bovine Spermatozoa. Reprod Biol, 56:991-998.	☐	☐
	25.	Thomas CA, Garner DL, DeJarnette JM, Marshall CE, 1998: Effect of Cryopreservation on Bovine Sperm Organelle Function and Viability As Determined by Flow Cytometry. Biol Reprod, 58:786-793.	☐	☐
	26.	Vetter CM, Miller JE, Crawford LM, Armstrong MJ, Clair JH, Conner MW, Wise DL, Skopek TR, 1998: Comparison of motility and membrane integrity to assess rat sperm viability. Reprod Toxicol, 12:105-114.	☐	☐
	27.	Woelders H, 1990: Overview of in vitro methods for evaluation of semen quality. Boar Semen Preservation II, Reprod. Domest. Anim, Suppl 1: 145-164.	☐	☐
	28.	Yamamoto T, Mori S, Yoneyama M, Imanishi M, Takeuchi M, 1996: Estimation of rat sperm with flow cytometer (FCM): simultaneous analysis of sperm number and sperm viability. Teratology, 54:38A.	☐	☐
	29.	Chalah T, Brillard JP, 1998: Comparison of assessment of fowl sperm viability by eosin-nigrosin and dual flourescence (SYBR-14/PI). Theriogenology, 50:487-493.	☐	☐
	30.	Amann RP ,1989: Can the fertility potential of a seminal sample be predicted accurately? J Androl 10, 89-98.	☐	☐
	31.	Budworth PR, Amann RP, Chapman PL, 1988: Relationhips between computerized measurement of motion of frozen-thawed bull spermatozoa and fertility. J Androl 9, 41-54.	☐	☐
	32.	Christensen P, Stryhn H ,1997: Time-dependent bias in the assessment of bull semen by computer-aided sperm analysis. Biol Reprod 56, Suppl 1, 173.	☐	☐
	33.	Christensen P, Brockhoff PB, Lehn-Jensen H ,1999: The Relationship between Semen Quality and the Nonreturn Rate of bulls. Reprod Dom Anim 34, 503-507.		
	34.	Barth AD, Oko RJ, 1989: Abnormal Morphology of Bovine Spermatozoa. 1st edition, Iowa State University Press, pp 160-163.	☐	☐

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S	1.	CHRISTENSEN, P., et al. 2004. A flow cytometric method for rapid determination of sperm concentration and viability in mammalian and avian semen. J. Androl. 2004, 25:255-264.	☐	☐
S	2.	CHRISTENSEN, P. et al. 2005. Relationship Between Sperm Viability as Determined by Flow Cytometry and Nonreturn Rate of Dairy Bulls. Journal of Andrology, Vol. 26, No. 1, January/February 2005.	☐	☐
S	3.	DEN DAAS, J.H.G. et al. 1998. The relationship between the number of spermatozoa inseminated and the reproductive efficiency of individual dairy bulls. J. Dairy Sci. 81, 1714-1723.	☐	☐
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